

INTERNATIONAL SEARCH REPORT

ational Application No
/JP2004/013598

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 E04B1/92 H05K9/00 E06B5/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 E04B E04C E06B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 0144, no. 50 (M-1030), 27 September 1990 (1990-09-27) & JP 2 178486 A (RIKEN CORP), 11 July 1990 (1990-07-11)	1,2,4
Y	abstract; figures 1,2	3,5,6
Y	EP 0 299 607 A (PILKINGTON PLC) 18 January 1989 (1989-01-18) abstract; figures 1-3	3
Y	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 10, 10 October 2002 (2002-10-10) & JP 2002 164686 A (KAJIMA CORP), 7 June 2002 (2002-06-07) abstract; figures 12,14,15	5,6,11, 12
	-/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

29 December 2004

Date of mailing of the international search report

17/01/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Khera, D

EV 32024851045

INTERNATIONAL SEARCH REPORT

national Application No

T/JP2004/013598

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 1997, no. 11, 28 November 1997 (1997-11-28) & JP 9 195410 A (NIPPON STEEL CORP), 29 July 1997 (1997-07-29)	7-10,13
Y	abstract; figure 1	11,12
X	----- WO 03/059030 A (4 D NEUROIMAGING OY ; SIMOLA JUHA (FI)) 17 July 2003 (2003-07-17) abstract; figure 3	7
X	----- PATENT ABSTRACTS OF JAPAN vol. 1997, no. 11, 28 November 1997 (1997-11-28) & JP 9 199884 A (NIPPON STEEL CORP), 31 July 1997 (1997-07-31) abstract; figures 1-3	7,10
A	----- PATENT ABSTRACTS OF JAPAN vol. 1998, no. 06, 30 April 1998 (1998-04-30) & JP 10 046958 A (RIKEN CORP; TOKYO ELECTRIC POWER CO INC:THE), 17 February 1998 (1998-02-17) abstract; figure 1	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

ational Application No

/JP2004/013598

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 2178486	A	11-07-1990	NONE	
EP 0299607	A	18-01-1989	AU 607217 B2	28-02-1991
			AU 1617688 A	15-12-1988
			EP 0299607 A1	18-01-1989
			GB 2205527 A	14-12-1988
			JP 1005099 A	10-01-1989
			US 4874903 A	17-10-1989
JP 2002164686	A	07-06-2002	NONE	
JP 9195410	A	29-07-1997	NONE	
WO 03059030	A	17-07-2003	CA 2472955 A1	17-07-2003
			EP 1470746 A1	27-10-2004
			WO 03059030 A1	17-07-2003
JP 9199884	A	31-07-1997	NONE	
JP 10046958	A	17-02-1998	NONE	